COASTAL IMPACT ASSISTANCE PROGRAM (CIAP)
PROJECT NOMINATION SUBMITTAL

Project Title: Coastal Erosion Stabilization – Little Florida to Martin Beach

Entity/Individual Nominating: Cameron Parish Police Jury

Name: Douaine Conner, President; Contact – Tina Horn

Address: P.O. Box 1280, Cameron, LA 70631

Telephone: 337-905-1189

E-Mail: cppjury@camtel.net

Total CIAP Funds Requested: $2,600,000

Infrastructure Funds Proposed:

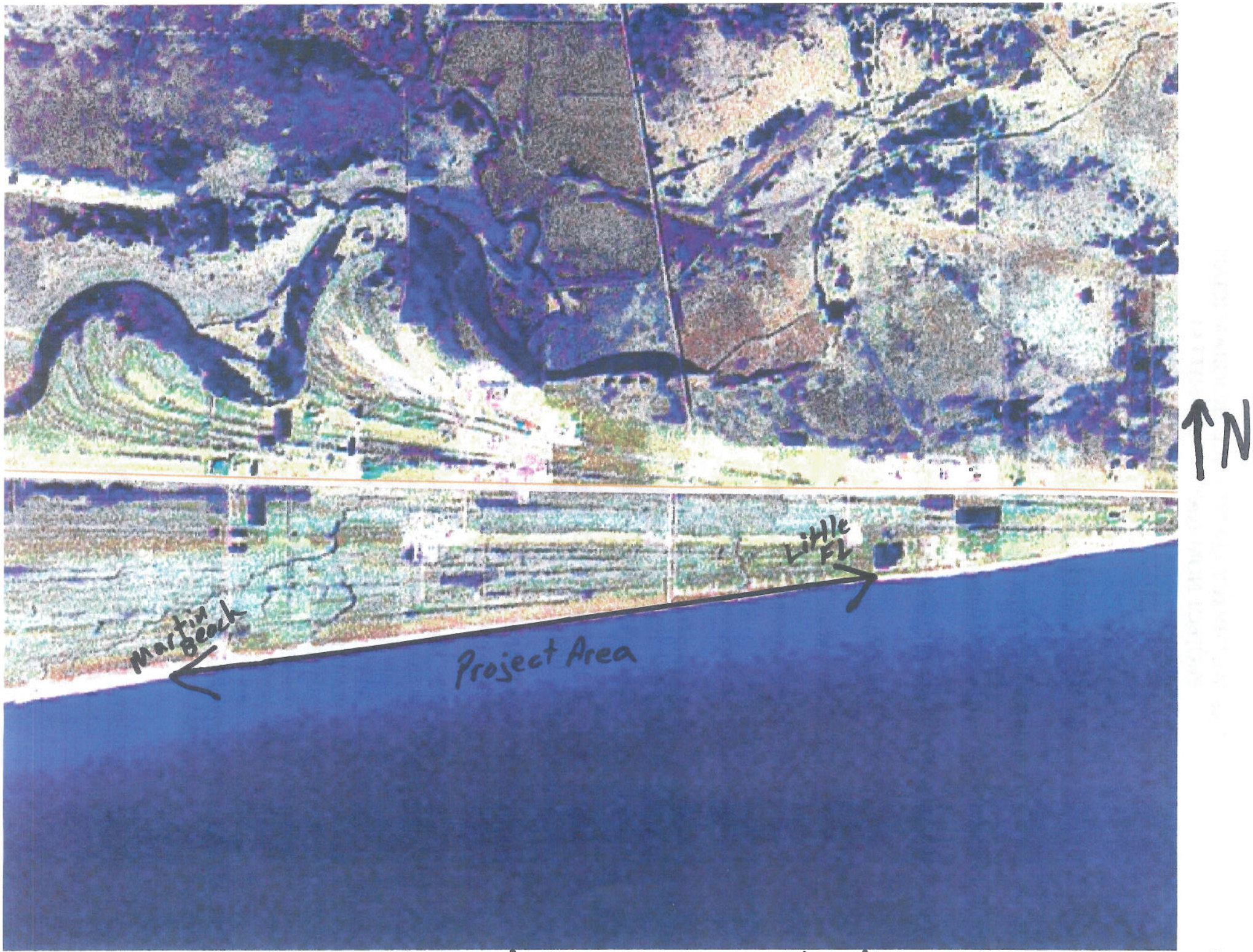
Description and Location of Project: The project entails the stabilization and erosion mitigation for the shoreline in Cameron Parish west of the breakwaters from Little Florida Beach and running west towards Martin Beach. The project will utilize a comprehensive scientific understanding of the local shoreline dynamics including the impact of the updrift breakwater system. The resulting analysis will produce the design and implementation of a long-term soft solution utilizing low profile geo-textile stabilization systems. The overall project will be performed in five distinct phases: (1) Scientifically based data acquisition process (2) Data analysis and System Design (3) Permitting coordination and approval (4) Construction (5) Annual system monitoring.

Project Type (from CIAP fund uses): Conservation, restoration and protection of coastal area, including wetland

Project Justification: This project will be designed to stabilize and assist in the control of erosion for the shoreline in Cameron Parish not protected and potentially impacted by the breakwater system. It will provide protection for property and road systems that run along the shoreline. In addition, this system will help minimize the potentially negative down-drift impacts of the breakwater system and eliminate the possible continuation of an expensive and hard structure system into the existing beach environmental. Additionally the system will minimize the long-term impact of erosion that result from damaging storms and tidal influences.

This project will mitigate for the loss of shoreline caused by the longshore loss of sand. In addition, it will address the negative impacts that may exist due to the up-drift breakwater system. In addition, the system will provide an improved post-storm recovery process by allowing sand lost during significant storm activity to be replenished by the natural movement of sand in the littoral system while at the same time not creating material down-frift impacts due to the low profile and porous nature of the design.

Project Cost Share: Total State CIAP Funding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Little FL
Martin Beach
Project Area